



#### PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q76718

Seiichiro FUJIOKA, et al.

Appln. No.: 10/630,838

Group Art Unit: 2879

Confirmation No.: 1975

Examiner: Ashok PATEL

Filed: July 31, 2003

For:

COLD CATHODE LAMP AND ELECTRONIC INSTRUMENT USING COLD

**CATHODE LAMP** 

# INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

- 1. Japanese Unexamined Patent Application Publication H01-063255, published September 3, 1989 (previously submitted in IDS filed May 12, 2005).
- 2. Japanese Unexamined Patent Application Publication H12-067810, published March 3, 2000.

One copy of each of the listed documents is submitted herewith, except for the reference previously submitted in Information Disclosure Statement on May 12, 2005.

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/630,838

The present Information Disclosure Statement is being filed after the later of three

months from the application's filing date and the mailing date of the first Office Action on the

merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes

prosecution in the application (whichever is earlier), and therefore Applicant is filing

concurrently herewith a Statement Under 37 C.F.R. § 1.97(e). No fee under 37 C.F.R. § 1.17(p)

is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for

foreign language documents, Applicant encloses herewith a copy of a corresponding Korean

Office Action dated July 28, 2005 and an English translation of pertinent portions thereof which

cites such documents and indicates the degree of relevance found by the foreign office.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

Howard L. Bernstein

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: October 27,2005

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### STATEMENT UNDER 37 C.F.R. § 1.97(e)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of said Information Disclosure Statement.

Respectfully submitted,

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WASHINGTON OFFICE 23373
CUSTOMER NUMBER

Date: October 27, 2005

Substitute for Form 1449 A & B/PTO	Complete if Known		
	Application Number	10/630,838	
INFORMATION DISCLOSURED E	Confirmation Number	1975	
STATEMENT BY APPLICANT	Filing Date	July 31, 2003	
<u> </u>	First Named Inventor	Seiichiro FUJIOKA	
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(use us many sneets us necessary) (1 1 1003	Examiner Name	Ashok PATEL	
Sheet 1 of M	Attorney Docket Number	Q76718	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document l		Publication Date		
		Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
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FOREIGN PATENT DOCUMENTS							
Examiner Cite Initials* No.1	Foreign Patent Document			Publication Date	Name of Patentee or		
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazin journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where publish			
			<del>                                     </del>

Examiner Signature	 Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

Mailing date: July 28, 2005

Claims 1 through 26 of the present application relate to a cold cathode lamp characterized in that it comprises a nitride comprising one or more of titanium (Ti), zirconium (Zr), hafnium (Hf), niobium (Nb), and tantalum (Ta). Given the technical constitution of Japanese Unexamined Patent Application Publication S64-63255 (3.9.89, hereinafter referred to as "Cited Invention 1"), wherein the discharge electrodes of a discharge lamp in a discharge device consist of a sintered compact of nitrides or carbides of conductive high melting point material, and the nitride sintered compacts comprise TiN and ZrN, and the technical constitution of Japanese Unexamined Patent Application Publication H12-67810 (3.3.2000, hereinafter referred to as "Cited Invention 2"), wherein an electron discharge material is housed inside a vessel and the vessel and electron discharge material have as their main components at least one composite oxide containing nitrogen and/or composite oxide containing a first component comprising at least one of Ba, Sr, and Ca, a second component comprising at least one of Zr and Ti and a third component comprising at least one of Ta and Nb as the metal element component, said claims of the present application could be easily invented by a person having ordinary knowledge in this technical field based on Cited Inventions 1 and 2.

(ATTACHMENTS)

Attachment 1 Japanese Unexamined Patent Application Publication H01-063255 (3.9.1989) 1 copy. END. Attachment 1 Japanese Unexamined Patent Application Publication H12-067810 (3.3.2000) 1 copy. END.